Guy F Davenport

List of Publications by Year
in descending order

14 papers	985 citations	840776 11 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	1249 citing authors

#	Article	IF	Citations
1	Homology-dependent resistance: transgenic virus resistance in plants related to homology-dependent gene silencing. Plant Journal, 1995, 7, 1001-1013.	5.7	237
2	Wheat genetic resources enhancement by the International Maize and Wheat Improvement Center (CIMMYT). Genetic Resources and Crop Evolution, 2008, 55, 1095-1140.	1.6	155
3	Core Hunter: an algorithm for sampling genetic resources based on multiple genetic measures. BMC Bioinformatics, 2009, 10, 243.	2.6	138
4	Requirement of sense transcription for homologyâ€dependent virus resistance and <i>transâ€</i>inactivation. Plant Journal, 1997, 12, 597-603.	5.7	118
5	Core Hunter 3: flexible core subset selection. BMC Bioinformatics, 2018, 19, 203.	2.6	92
6	Multifunctional crop trait ontology for breeders' data: field book, annotation, data discovery and semantic enrichment of the literature. AoB PLANTS, 2010, 2010, plq008.	2.3	55
7	Core Hunter II: fast core subset selection based on multiple genetic diversity measures using Mixed Replica search. BMC Bioinformatics, 2012, 13, 312.	2.6	52
8	Genetic diversity in European Pisum germplasm collections. Theoretical and Applied Genetics, 2012, 125, 367-380.	3.6	43
9	GERMINATE. A Generic Database for Integrating Genotypic and Phenotypic Information for Plant Genetic Resource Collections. Plant Physiology, 2005, 139, 619-631.	4.8	35
10	Generation Challenge Programme (GCP): Standards for Crop Data. OMICS A Journal of Integrative Biology, 2006, 10, 215-219.	2.0	18
11	UK CropNet: a collection of databases and bioinformatics resources for crop plant genomics. Nucleic Acids Research, 2000, 28, 104-107.	14.5	16
12	JAMES: An objectâ€oriented Java framework for discrete optimization using local search metaheuristics. Software - Practice and Experience, 2017, 47, 921-938.	3.6	13
13	Using bioinformatics to analyse germplasm collections. Euphytica, 2004, 137, 39-54.	1.2	8
14	The Generation Challenge Programme Platform: Semantic Standards and Workbench for Crop Science. International Journal of Plant Genomics, 2008, 2008, 1-6.	2.2	5